

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133816.D
 Acq On : 16 Jun 2023 20:15
 Operator : CG\JU
 Sample : 03282-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-002

Quant Time: Jun 17 00:11:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	91550	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	333821	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	147969	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	270877	20.000	ng	0.00
76) Chrysene-d12	14.051	240	214561	20.000	ng	0.00
86) Perylene-d12	15.557	264	159849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	281334	53.498	ng	0.00
7) Phenol-d6	6.493	99	346109	50.563	ng	0.00
23) Nitrobenzene-d5	7.422	82	219276	35.777	ng	0.00
42) 2,4,6-Tribromophenol	10.687	330	61891	33.043	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	285999	27.475	ng	0.00
79) Terphenyl-d14	12.986	244	266896	19.248	ng	0.00

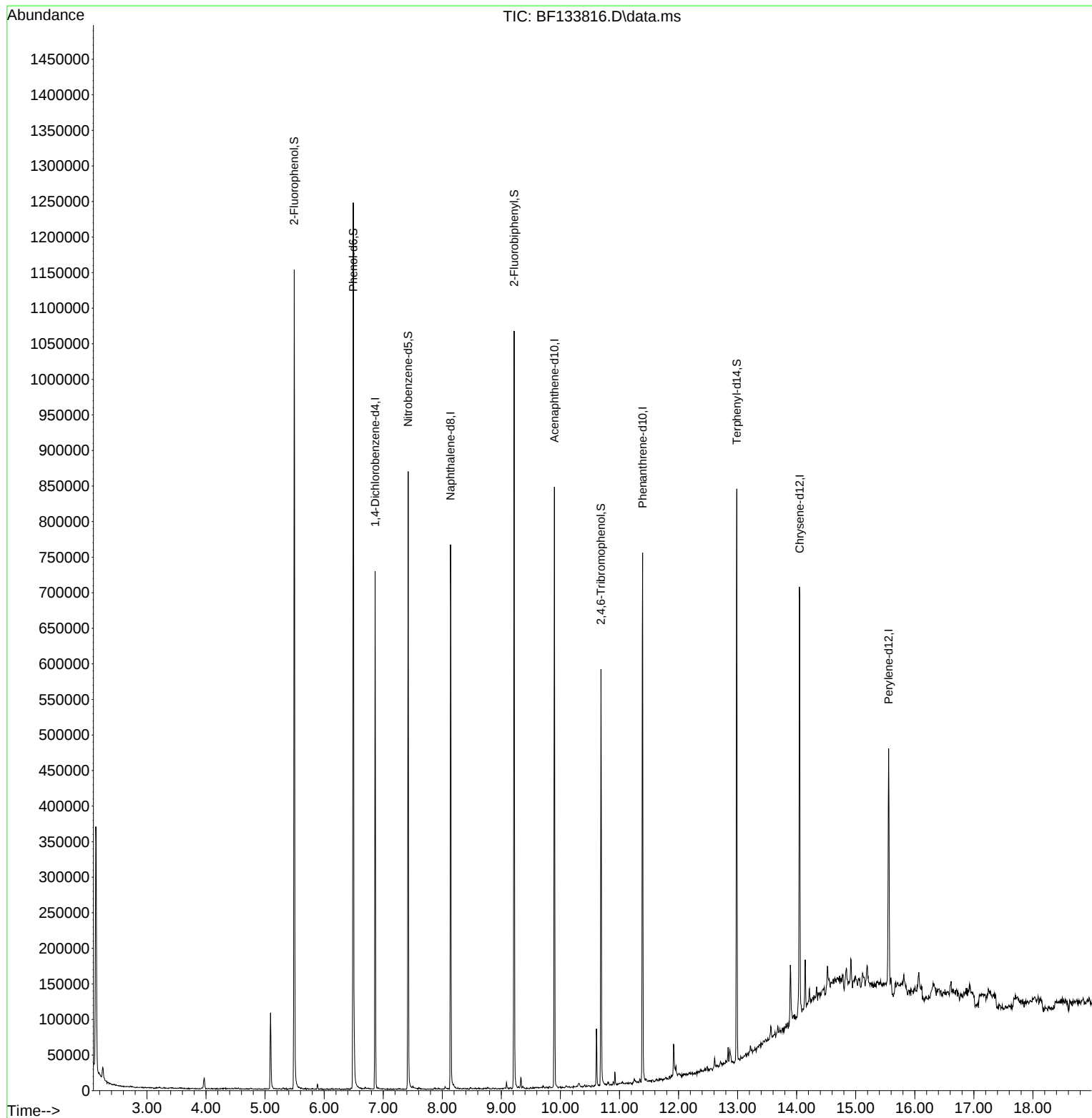
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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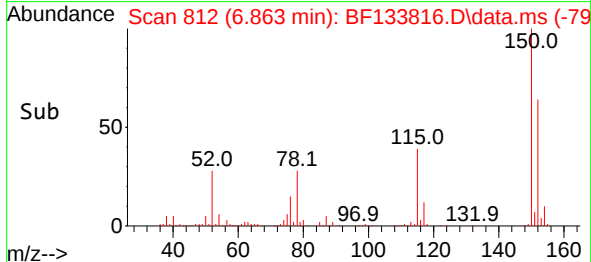
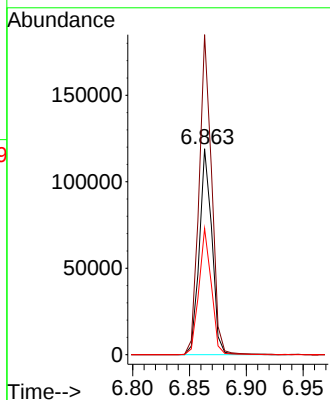
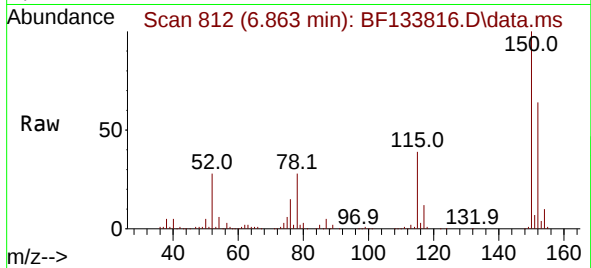




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF133816.D
 Acq: 16 Jun 2023 20:15

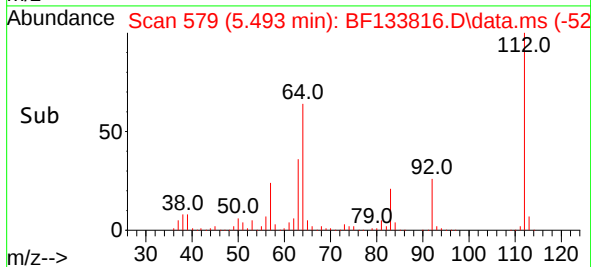
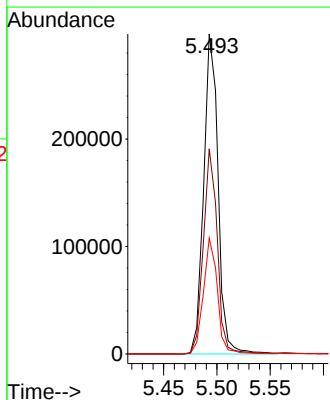
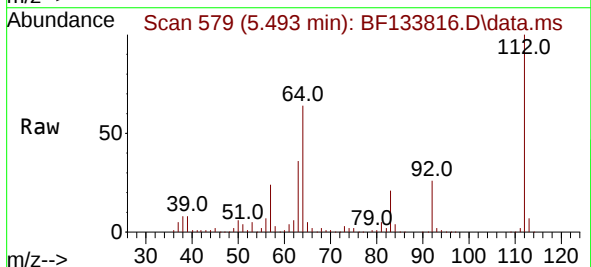
Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-002

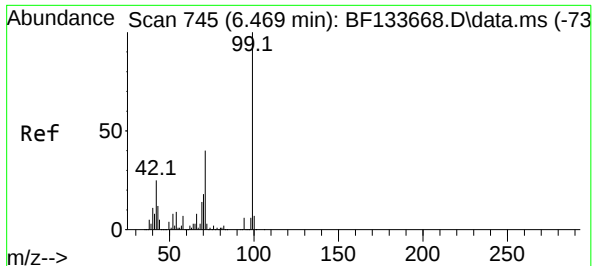
Tgt Ion:152 Resp: 91550
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.3 186.5
 115 61.3 48.5 72.7



#5
 2-Fluorophenol
 Concen: 53.498 ng
 RT: 5.493 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: BF133816.D
 Acq: 16 Jun 2023 20:15

Tgt Ion:112 Resp: 281334
 Ion Ratio Lower Upper
 112 100
 64 64.1 49.0 73.4
 63 36.2 26.8 40.2

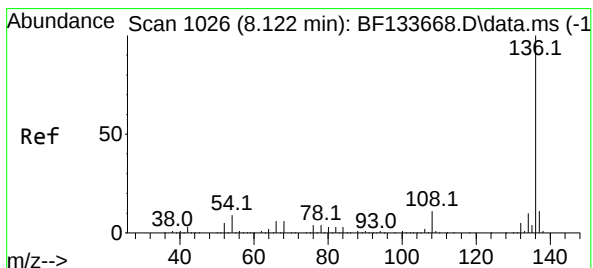
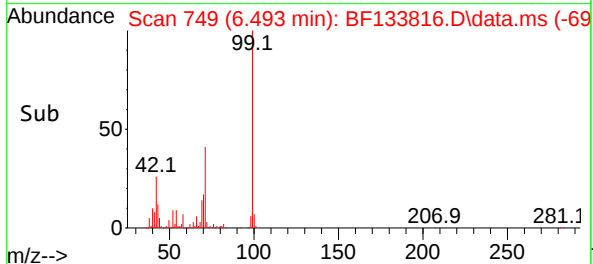
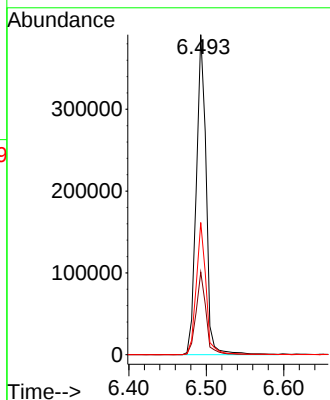
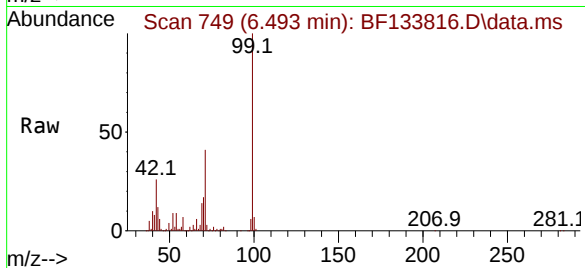




#7
Phenol-d6
Concen: 50.563 ng
RT: 6.493 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133816.D
Acq: 16 Jun 2023 20:15

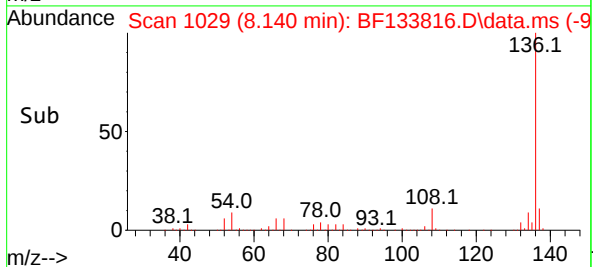
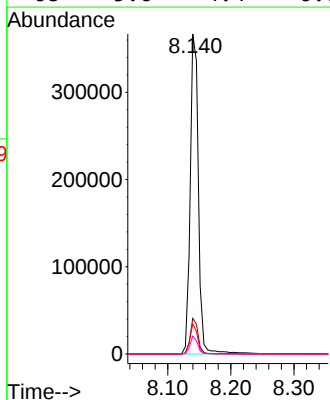
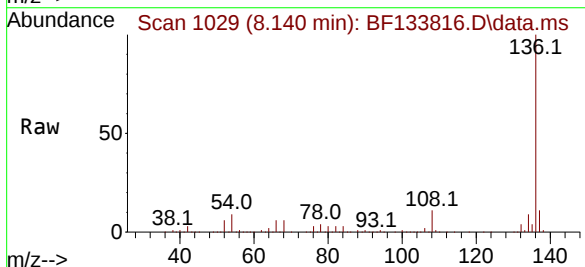
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

Tgt Ion: 99 Resp: 346109
Ion Ratio Lower Upper
99 100
42 25.8 19.9 29.9
71 41.3 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133816.D
Acq: 16 Jun 2023 20:15

Tgt Ion: 136 Resp: 333821
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.4 7.4 11.0
68 5.6 4.4 6.6

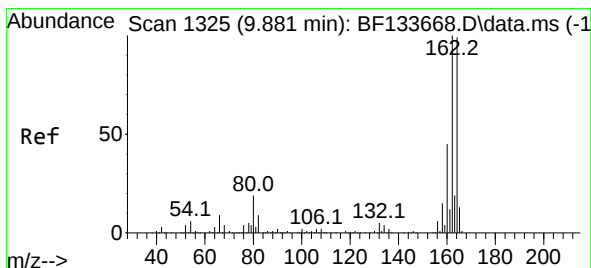
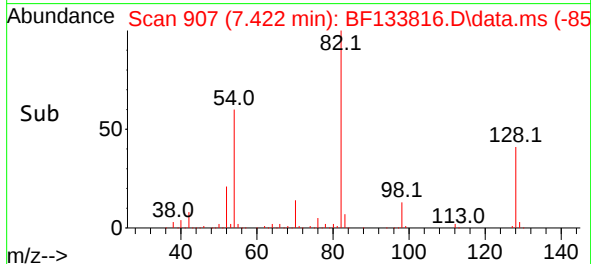
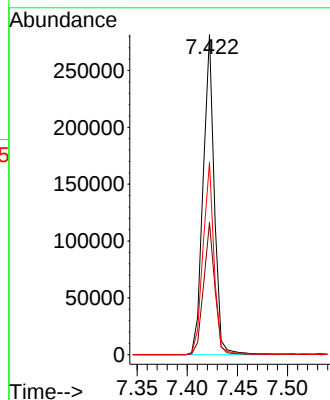
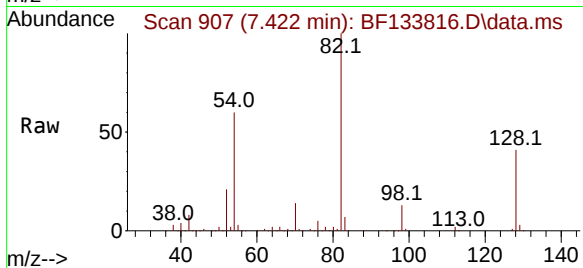




#23
Nitrobenzene-d5
Concen: 35.777 ng
RT: 7.422 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133816.D
Acq: 16 Jun 2023 20:15

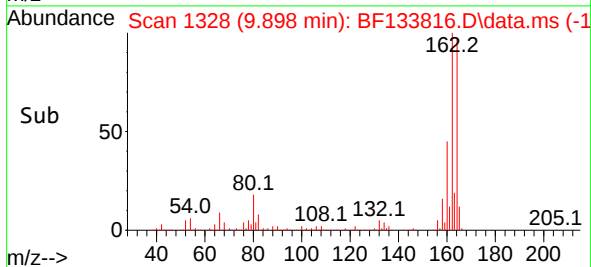
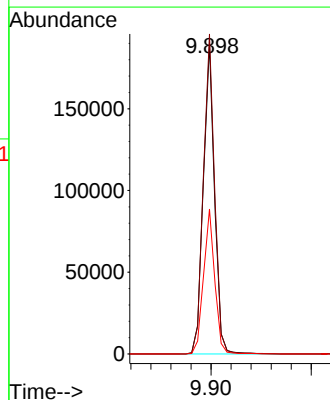
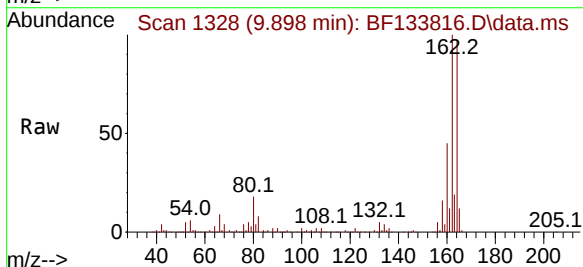
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

Tgt Ion: 82 Resp: 219276
Ion Ratio Lower Upper
82 100
128 41.3 34.2 51.2
54 60.1 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF133816.D
Acq: 16 Jun 2023 20:15

Tgt Ion: 164 Resp: 147969
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 46.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 33.043 ng

RT: 10.687 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133816.D

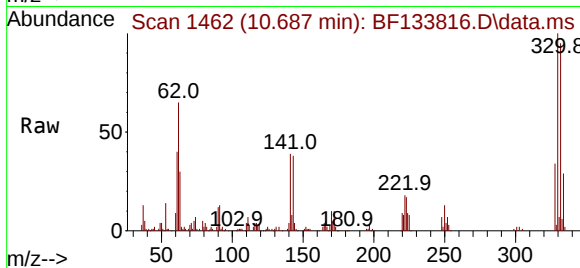
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Instrument :

BNA_F

ClientSampleId :

WC-NEX-002



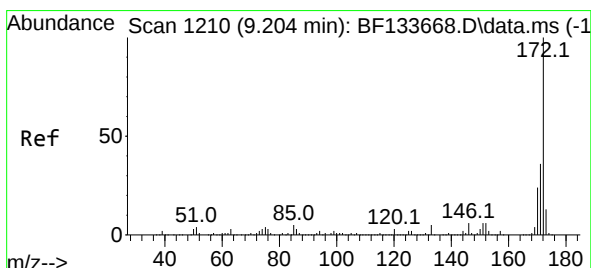
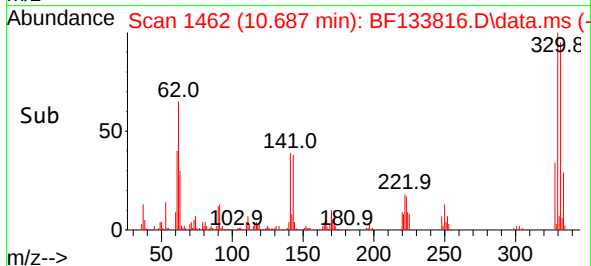
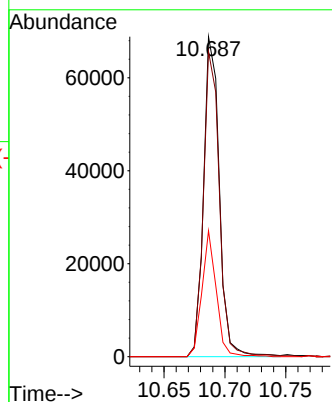
Tgt Ion:330 Resp: 61891

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 35.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 27.475 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133816.D

Acq: 16 Jun 2023 20:15

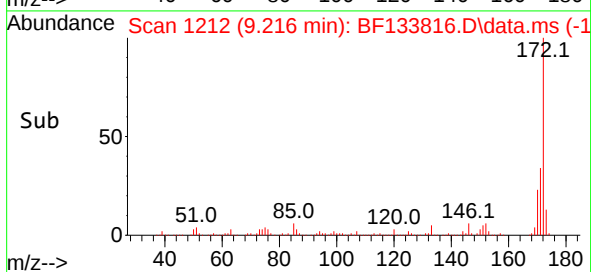
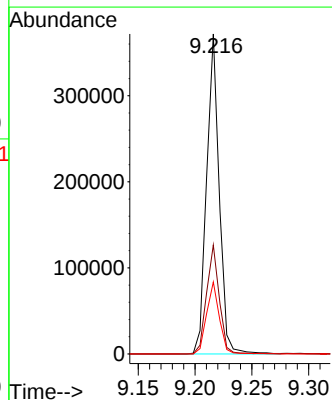
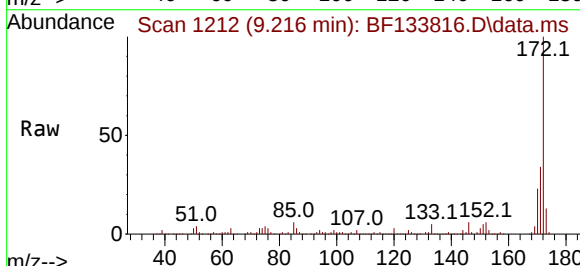
Tgt Ion:172 Resp: 285999

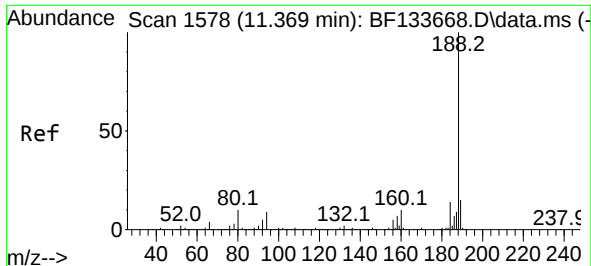
Ion Ratio Lower Upper

172 100

171 34.1 28.6 43.0

170 22.5 19.1 28.7

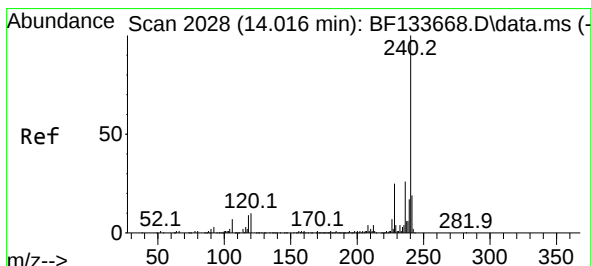
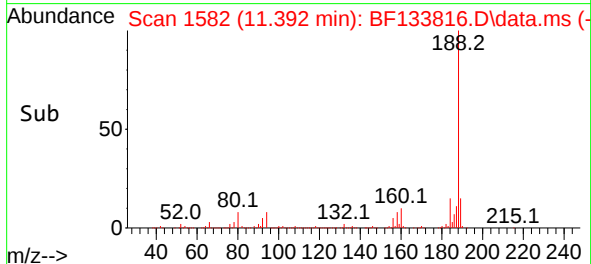
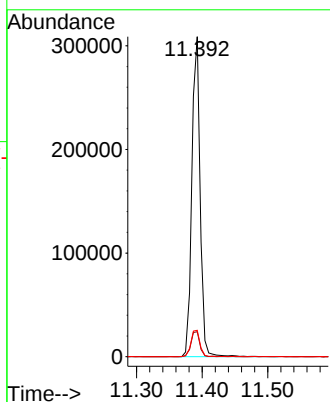
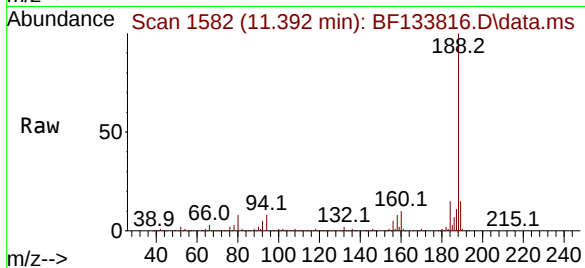




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133816.D
Acq: 16 Jun 2023 20:15

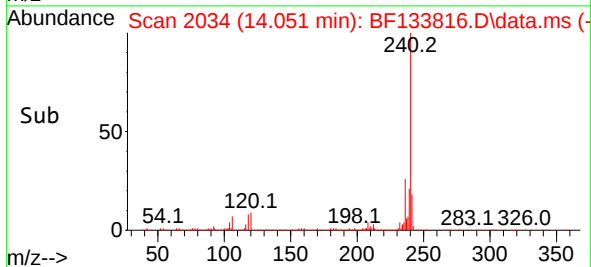
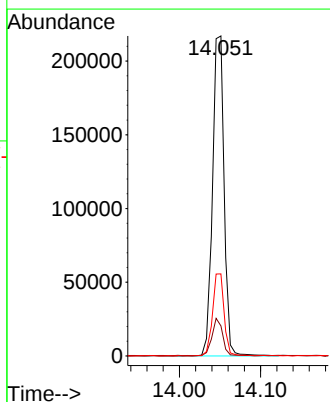
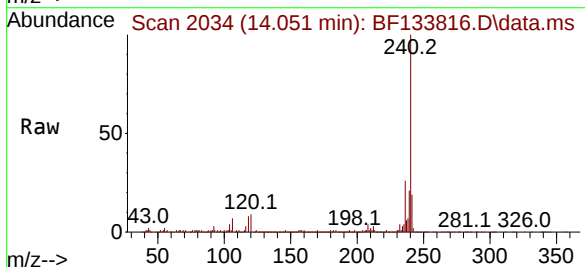
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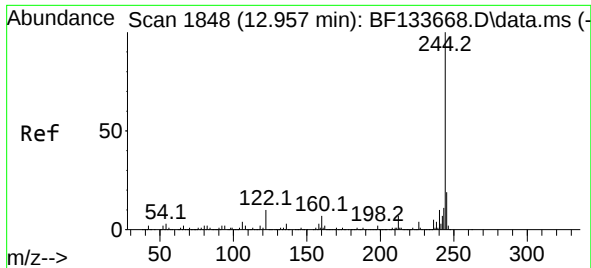
Tgt Ion:188 Resp: 270877
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.3 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF133816.D
Acq: 16 Jun 2023 20:15

Tgt Ion:240 Resp: 214561
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 25.6 20.5 30.7

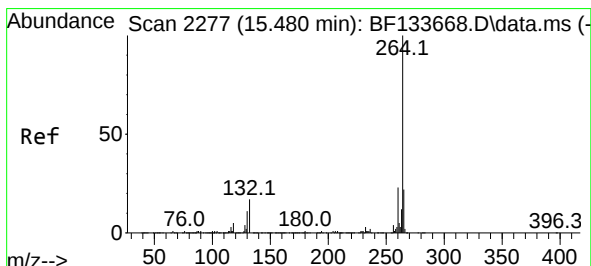
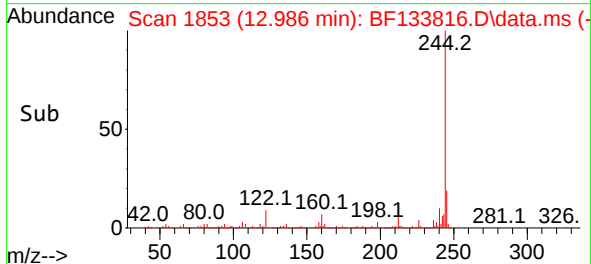
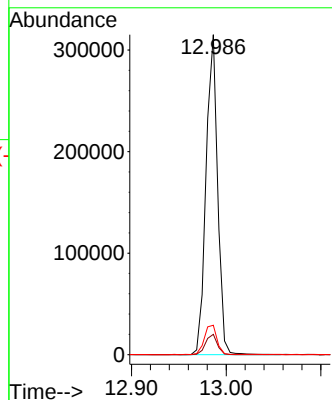
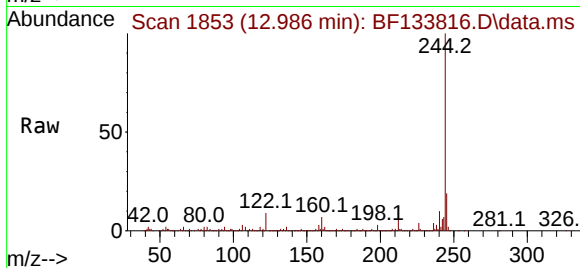




#79
 Terphenyl-d14
 Concen: 19.248 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133816.D
 Acq: 16 Jun 2023 20:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-002

Tgt Ion:244 Resp: 266896
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 9.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133816.D
 Acq: 16 Jun 2023 20:15

Tgt Ion:264 Resp: 159849
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.3 17.8 26.6

